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NOTICE OF ALLOWANCE AND FEE(S) DUE

23432

7590

12/02/2008

COOPER & DUNHAM, LLP 30 Rockefeller Plaza 20th Floor NEW YORK, NY 10112

EXAMINER				
BRINICH, STEPHEN M				
ART UNIT	PAPER NUMBER			

2625 DATE MAILED: 12/02/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/517,356	11/22/2004	Masanori Hirano	2271/73321	4249

TITLE OF INVENTION: THRESHOLD VALUE MATRIX, IMAGE PROCESSING APPARATUS, IMAGE FORMING APPARATUS AND PRINTER DRIVER

APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1510 \$300 \$0 \$1810 03/02/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

ppropriate. All further adicated unless corrected international control of the co	correspondence includin d below or directed oth	g the Patent, advance or erwise in Block 1, by (a	rders and notification of a) specifying a new corre	maintenance fees we espondence address;	ill be and/or	mailed to the current (b) indicating a sepa	corresponderate "FEE A	ence address as ADDRESS" for
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COOPER & Di 30 Rockefeller P 20th Floor			I h Sta ado tra	ereby certify that th tes Postal Service w dressed to the Mail asmitted to the USP	is Fee(s ith suf Stop ΓΟ (57	s) Transmittal is being ficient postage for firs ISSUE FEE address 1) 273-2885, on the da	deposited values to class mail above, or late indicated	with the United in an envelope being facsimile d below.
NEW YORK, N	Y 10112		Г					(Depositor's name)
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APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	₹	ATTO:	RNEY DOCKET NO.	CONFIRM	MATION NO.
10/517,356	11/22/2004	•	Masanori Hirano			2271/73321	4	1249
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APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE		S FEE	TOTAL FEE(S) DUE		ATE DUE
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EXAM	INER	ART UNIT	CLASS-SUBCLASS	J				
BRINICH, S'	TEPHEN M	2625	358-003140					
Change of correspondence address or indication of "Fee Address" (37 FR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.		or agents OR, alternat (2) the name of a sing registered attorney or 2 registered patent att	the names of up to 3 registered patent attorneys agents OR, alternatively, the name of a single firm (having as a member a istered attorney or agent) and the names of up to agistered patent attorneys or agents. If no name is ed, no name will be printed.					
PLEASE NOTE: Unli recordation as set forth (A) NAME OF ASSIG	ess an assignee is identi n in 37 CFR 3.11. Comp GNEE	fied below, no assignee detion of this form is NO	THE PATENT (print or ty data will appear on the T a substitute for filing ar (B) RESIDENCE: (CIT	patent. If an assignates assignment. Y and STATE OR C	OUNT	TRY)		_
lease check the appropri	ate assignee category or	categories (will not be pr	rinted on the patent):	I Individual	orporati	on or other private gro	up entity 4	■ Government
a. The following fee(s) are submitted: Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			b. Payment of Fee(s): (Ple A check is enclosed. Payment by credit ca The Director is hereboverpayment, to Dep	rd. Form PTO-2038 y authorized to char	is atta	iched.	ficiency, or	credit any
a. Applicant claims	t us (from status indicated s SMALL ENTITY statu	s. See 37 CFR 1.27.	☐ b. Applicant is no lo	-				
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COOPER & DUNHAM, LLP		BRINICH, STEPHEN M			
30 Rockefeller Pla	nza		ART UNIT	PAPER NUMBER	
20th Floor NEW YORK, NY 10112			2625 DATE MAILED: 12/02/2008		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 832 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 832 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)
	10/517,356	HIRANO, MASANORI
Notice of Allowability	Examiner	Art Unit
	STEPHEN M. BRINICH	2625
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet with to (OR REMAINS) CLOSED in the cor other appropriate communic IGHTS. This application is sub-	the correspondence address is application. If not included cation will be mailed in due course. THIS
1. This communication is responsive to Amdt filed 7/30/08.		
2. The allowed claim(s) is/are <u>1-38</u> .		
3. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submin INFORMAL PATENT APPLICATION (PTO-152) which give 5. CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftspers	e been received. e been received in Application Note this communication to file a MENT of this application. hitted. Note the attached EXAMI es reason(s) why the oath or desit be submitted.	No In this national stage application from the reply complying with the requirements INER'S AMENDMENT or NOTICE OF eclaration is deficient.
1) hereto or 2) to Paper No./Mail Date	•	
(b) including changes required by the attached Examiner' Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the state of t	.84(c)) should be written on the c	drawings in the front (not the back) of
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Sum Paper No./Ma 7. ☐ Examiner's An	il Date
/S. M. B./		
Examiner, Art Unit 2625		

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Art Unit: 2625

DETAILED ACTION

Allowable Subject Matter

- 1. Applicant's arguments (7/30/08 Response: page 14, lines 7-18) with respect to claims 1-8, 14-28, & 34-38 have been fully considered and are persuasive. The rejection of claims 20-23 under 35 USC §112, the rejection of claims 1-4 & 19-23 under 35 USC §101, and the objection to claims 5-8, 14-18, 24-28, & 34-38 have been withdrawn.
- 2. The following is an examiner's statement of reasons for allowance:

Re claims 1, 9, 19, & 29 (and dependent claims 2-8, 10-18, 20-28, & 30-38), the art of record does not teach or suggest the recited halftone processing arrangement whereby an identical keytone is maintained for all halftone levels.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning the contents of this communication or earlier communications from the examiner should be directed to Stephen M. Brinich at 571-272-7430.

Application/Control Number: 10/517,356

Art Unit: 2625

Any inquiry relating to the status of this application, entry of papers into this application, or other any inquiries of a general nature concerning application processing should be directed to the Tech Center 2600 Customer Service center at 571-272-2600 or to the USPTO Contact Center at 800-786-9199 or 571-272-1000.

Page 3

The examiner can normally be reached on weekdays 8:00-5:30, alternate Fridays off.

If attempts to contact the examiner and the Customer Service Center are unsuccessful, supervisor David Moore can be contacted at 571-272-7437.

Faxes pertaining to this application should be directed to the Tech Center 2600 official fax number, which is 571-273-8300.

Hand-carried correspondence may be delivered to the Customer Service Window, located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314.

/S. M. B./

Examiner, Art Unit 2625

/Thomas D Lee/

Primary Examiner, Art Unit 2625